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**FACSIMILE COVER SHEET**

DATE: NOVEMBER 6, 2006

NUMBER OF PAGES (INCLUDING  
THIS TRANSMITTAL COVER SHEET): 7

OUR REFERENCE: 220318

FROM: CARYN BORG-BREEN, PH.D.  
REGISTRATION No. 52,637

DIRECT LINE: (312) 616-5600

TO: MAIL STOP Amendment  
UNITED STATES PATENT AND TRADEMARK OFFICE  
COMMISSIONER FOR PATENTS  
ALEXANDRIA, VA 22313

FACSIMILE NUMBER: (571) 273-8300

IN RE APPLN. OF: AHN  
APPLICATION NO. 10/635,402  
FILED: AUGUST 6, 2003  
GROUP ART UNIT: 1616  
EXAMINER: ALI SOROUSH  
DOCKET NO.: 220318

**ATTACHED PLEASE FIND THE FOLLOWING DOCUMENTS:**

- REPLY TO OFFICE ACTION TRANSMITTAL IN DUPLICATE (2 PAGES)
- REPLY TO OFFICE ACTION (4 PAGES)

A confirmation copy of the transmitted document will:

☒ Not be sent. This will be the only form of delivery of the transmitted document.

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FaxPTO (2/2006)

FORM PTO-1083

**RECEIVED  
CENTRAL FAX CENTER****PATENT**  
Attorney Docket No. 220318

NOV 06 2006

Date: November 6, 2006

In re Application of: Ahn  
 Application No. 10/635,402  
 Filed: August 6, 2003  
 For: Tricalcium Phosphates, Their Composites, Implants Incorporating Them, and Method for Their Production

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

- ☒ Small entity status is claimed for this application under 37 CFR 1.27.
- ☒ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

|   |                                      |       |                                    |                      | SMALL ENTITY |                 | OTHER THAN A SMALL ENTITY |                 |
|---|--------------------------------------|-------|------------------------------------|----------------------|--------------|-----------------|---------------------------|-----------------|
| TIME EXTENSION PETITION FEE                   |                                      | none  |                                    |                      | \$ 0.00      |                 | \$ 0.00                   |                 |
| subtract time extension fee previously paid   |                                      | none  |                                    |                      | (\$ 0.00)    |                 | (\$ 0.00)                 |                 |
|   |                                      |       |                                    |                      |              |                 |                           |                 |
| CLAIM FEE                                     | CLAIMS REMAINING AFTER AMENDMENT     |       | HIGHEST NUMBER PREVIOUSLY PAID FOR | EXTRA CLAIMS PRESENT | RATE         | ADD'L CLAIM FEE | RATE                      | ADD'L CLAIM FEE |
| TOTAL   | 68                                   | MINUS | 68                                 | = 0                  | x 25 =       | \$              | x 50 =                    | \$              |
| INDEPENDENT                                   | 4                                    | MINUS | 4                                  | = 0                  | x 100 =      | \$              | x 200 =                   | \$              |
| <input type="checkbox"/>                      | FIRST PRESENTATION OF MULTIPLE CLAIM |       |                                    |                      | + 180 =      | \$              | + 360 =                   | \$              |
|   |                                      |       |                                    |                      |              |                 |                           |                 |
| TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT |                                      |       |                                    |                      | TOTAL        | \$0.00          | TOTAL                     | \$              |

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

LEYDIG, VOIT &amp; MAYER, LTD.

By

Caryn Borg-Breen, Ph.D., Reg. No. 52,637

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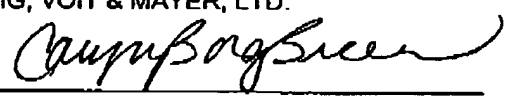
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 Caryn Borg-Breen, Ph.D., Reg. No. 52,637

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/635,402

Applicant: Ahn

Filed: August 6, 2003

TC/AU: 1616

Examiner: Ali Soroush

Docket No.: 220318

Customer No.: 23460


Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated October 4, 2006, please consider the following remarks.

Remarks/Arguments begin on page 2 of this paper.

| MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10   |   |      |                  |
|---|---|------|------------------|
| I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input type="checkbox"/> deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number <input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300. |   |      |                  |
| Name (Print/Type)   | Caryn Borg-Breen, Ph.D.   |      |                  |
| Signature   |  | Date | November 6, 2006 |